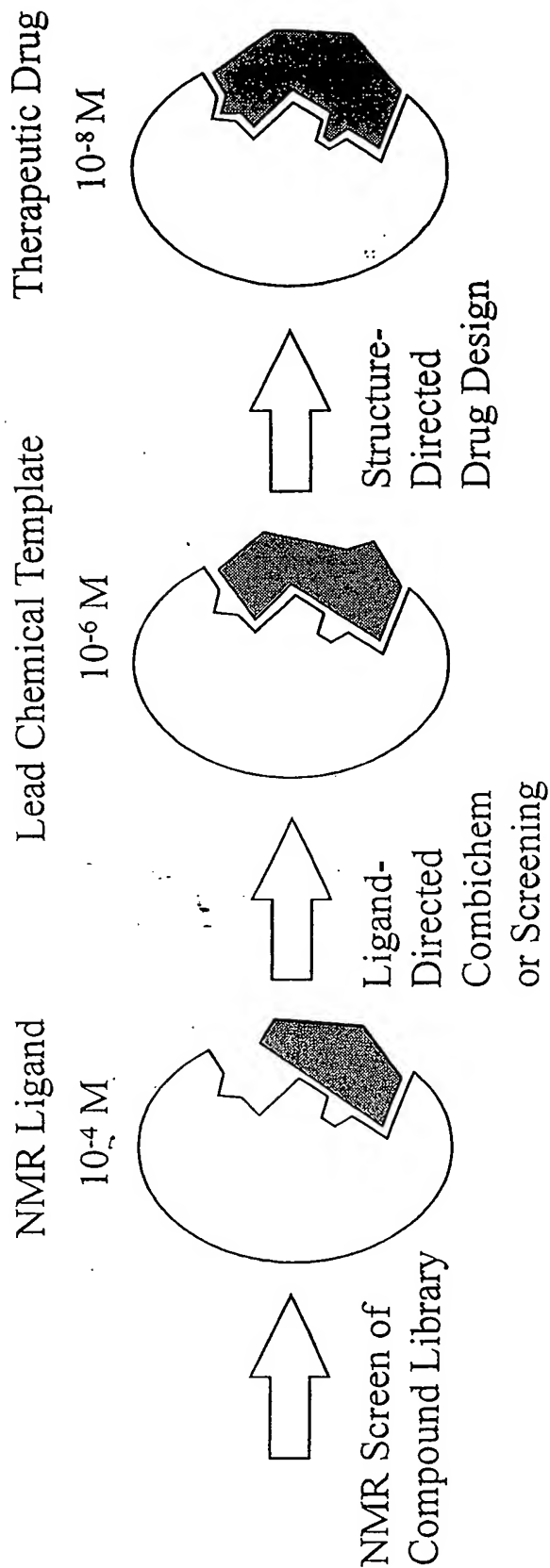
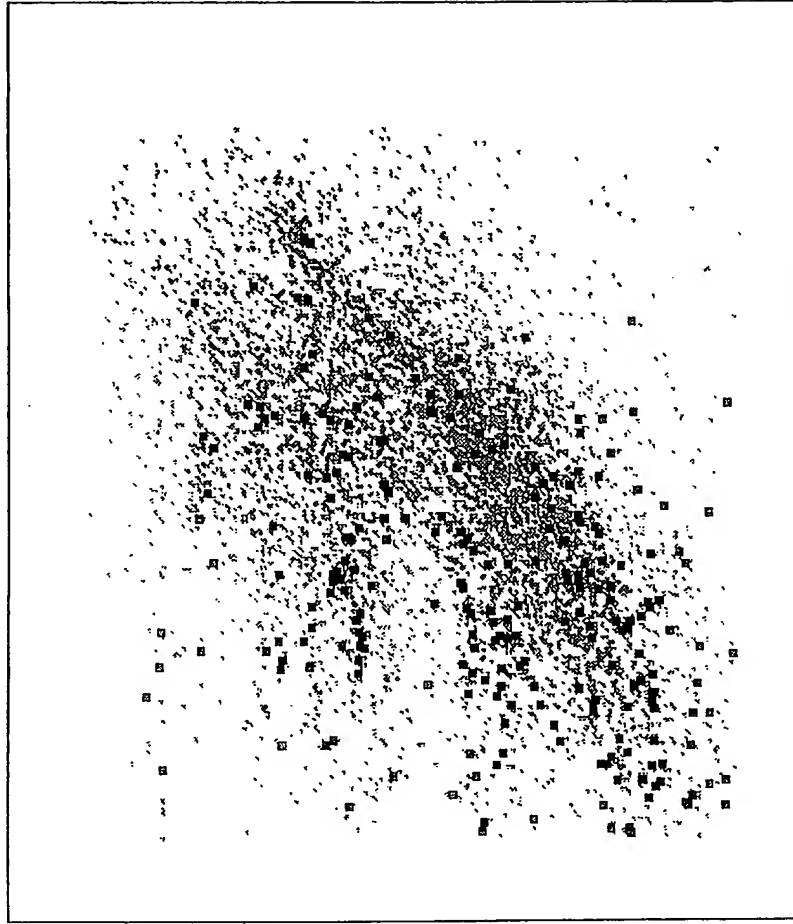


Figure 1



10044315.1.900T

Figure 2



HA BCUT

CHRG BCUT

Figure 3

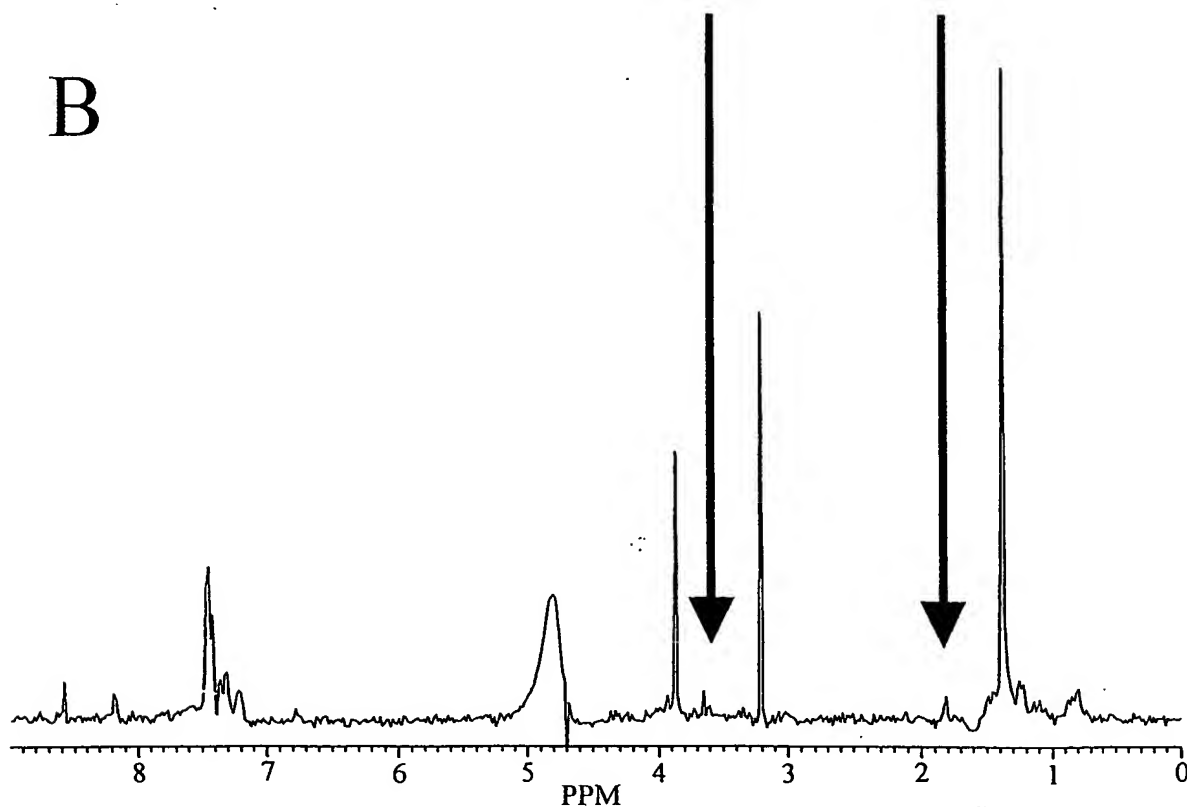
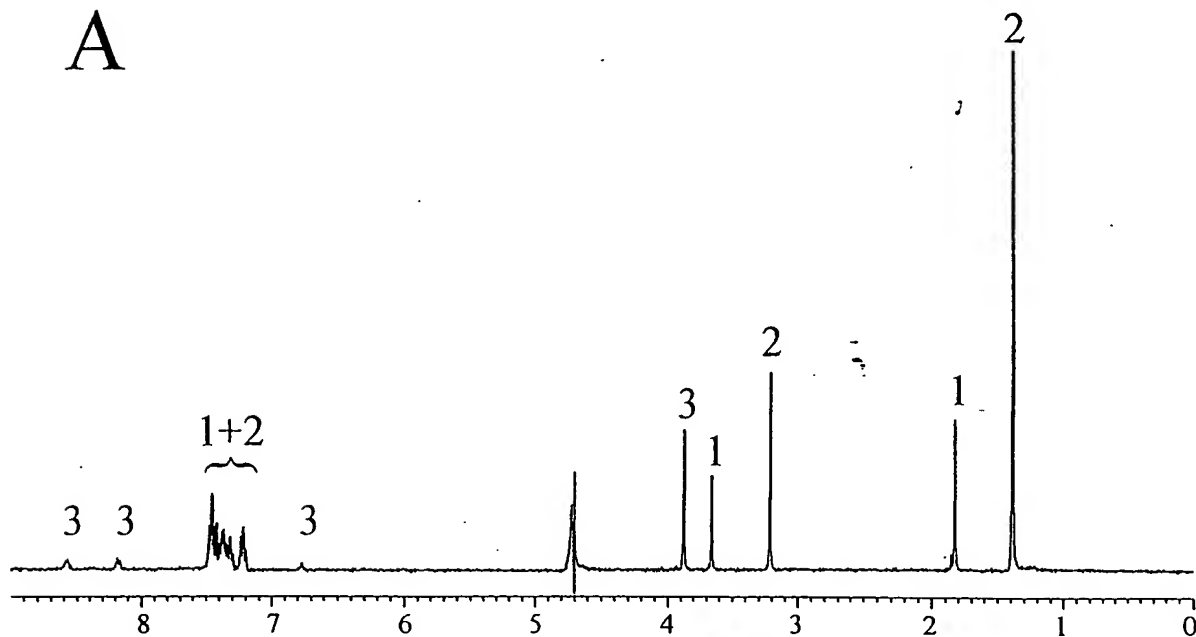
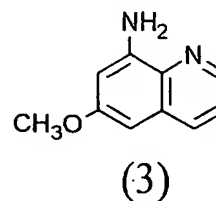
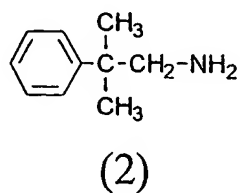
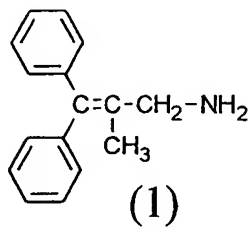
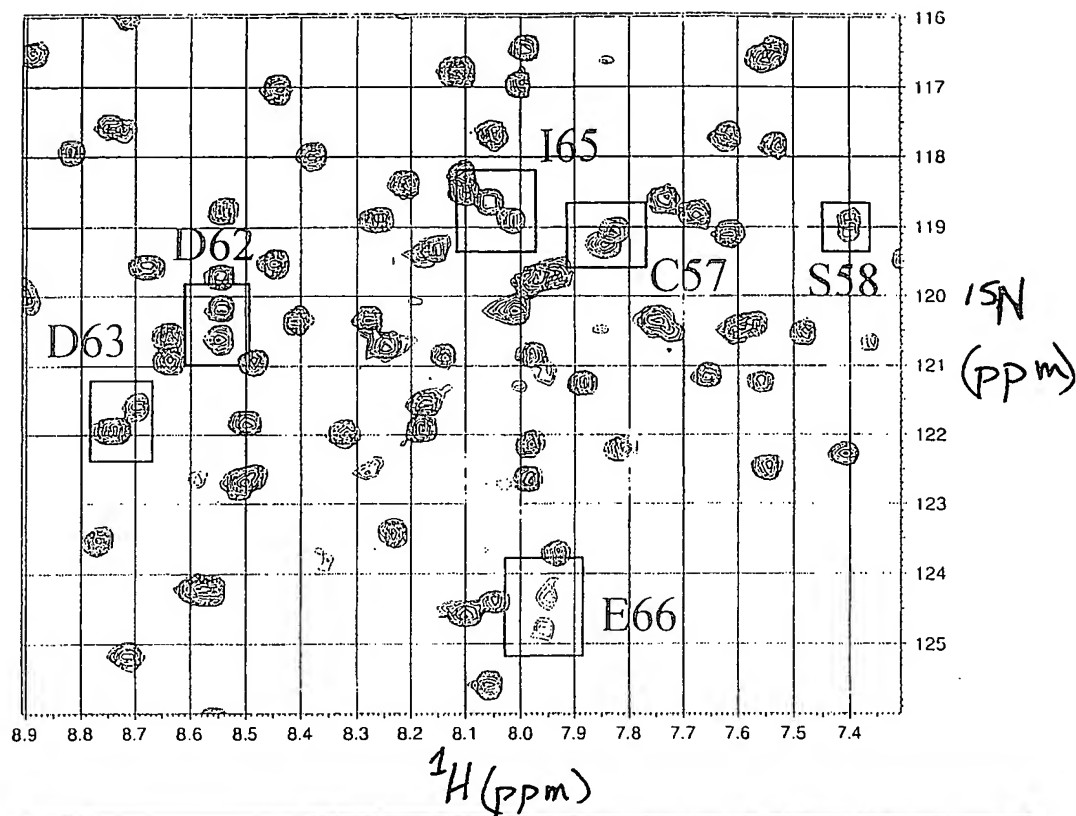


Figure 4

A



B

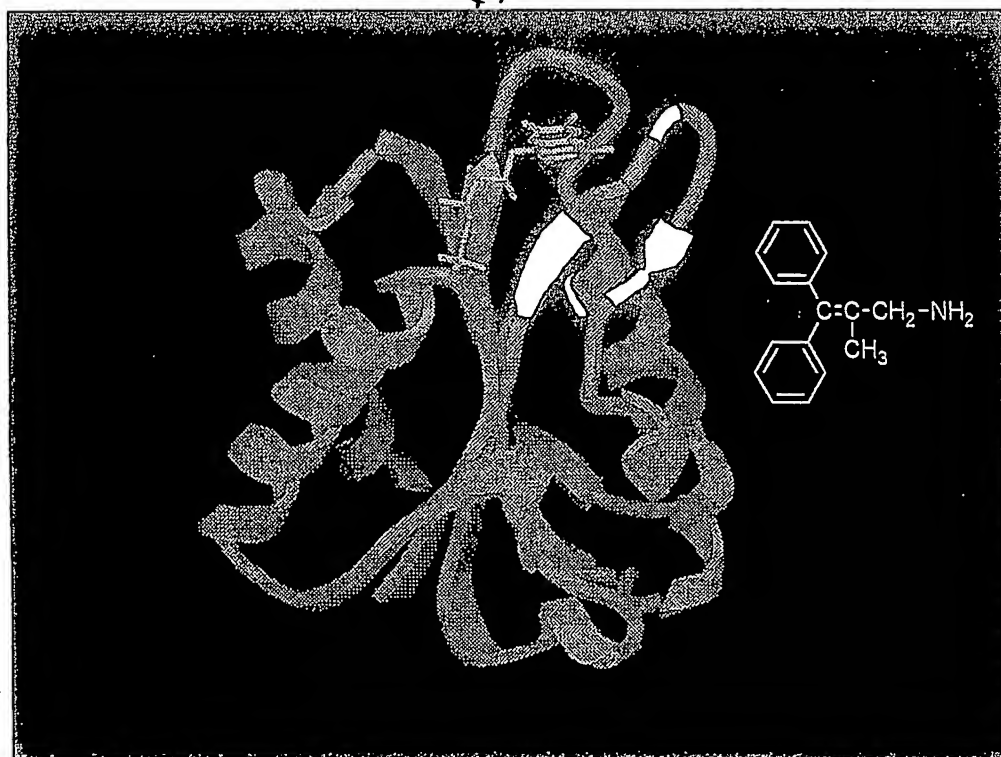
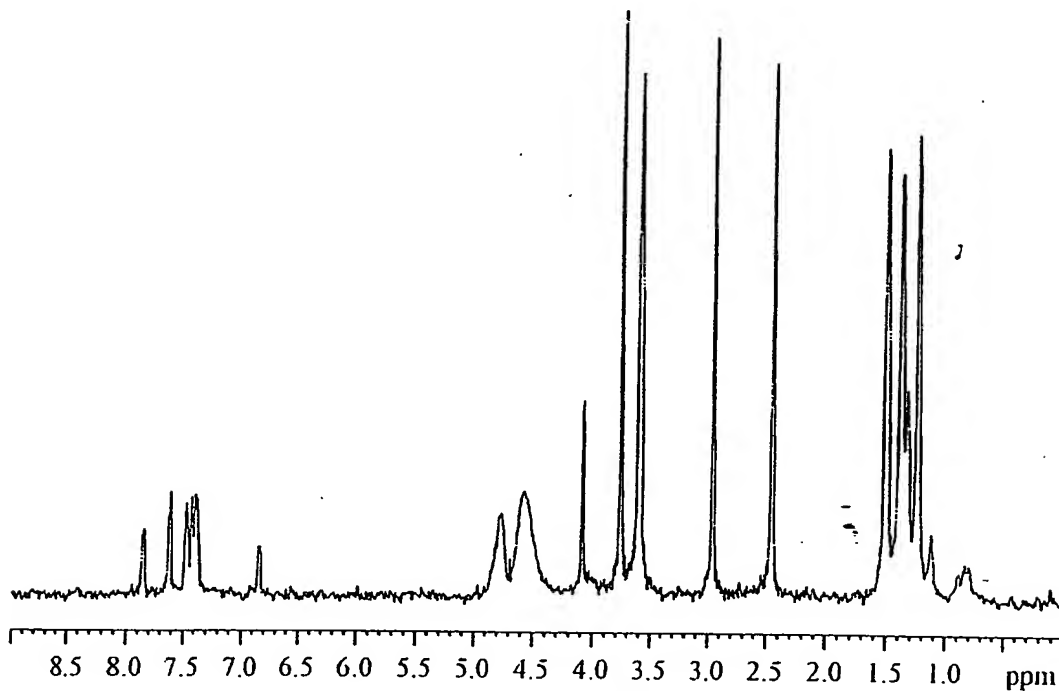
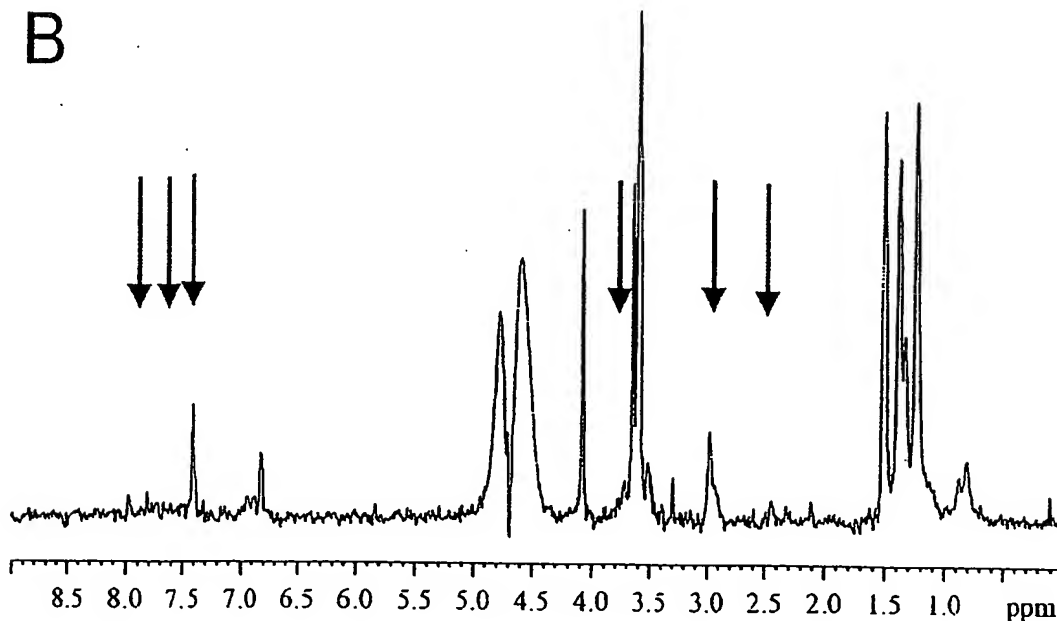


Figure 5

A



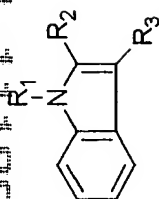
B



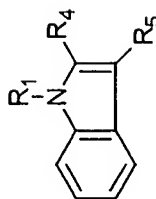
10044219-111901  
FOI b7E b7C b7D

Figure 6

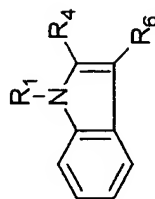
FIGURE 6



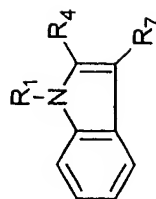
Ligand A  $IC_{50} \sim 9.0 \times 10^{-5} M$



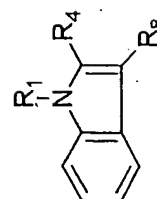
Ligand B  $IC_{50} = 1.8 \times 10^{-5} M$



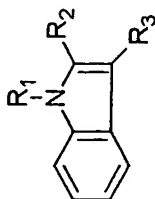
Ligand C  $IC_{50} = 1.8 \times 10^{-5} M$



Ligand D  $IC_{50} = 1.2 \times 10^{-5} M$



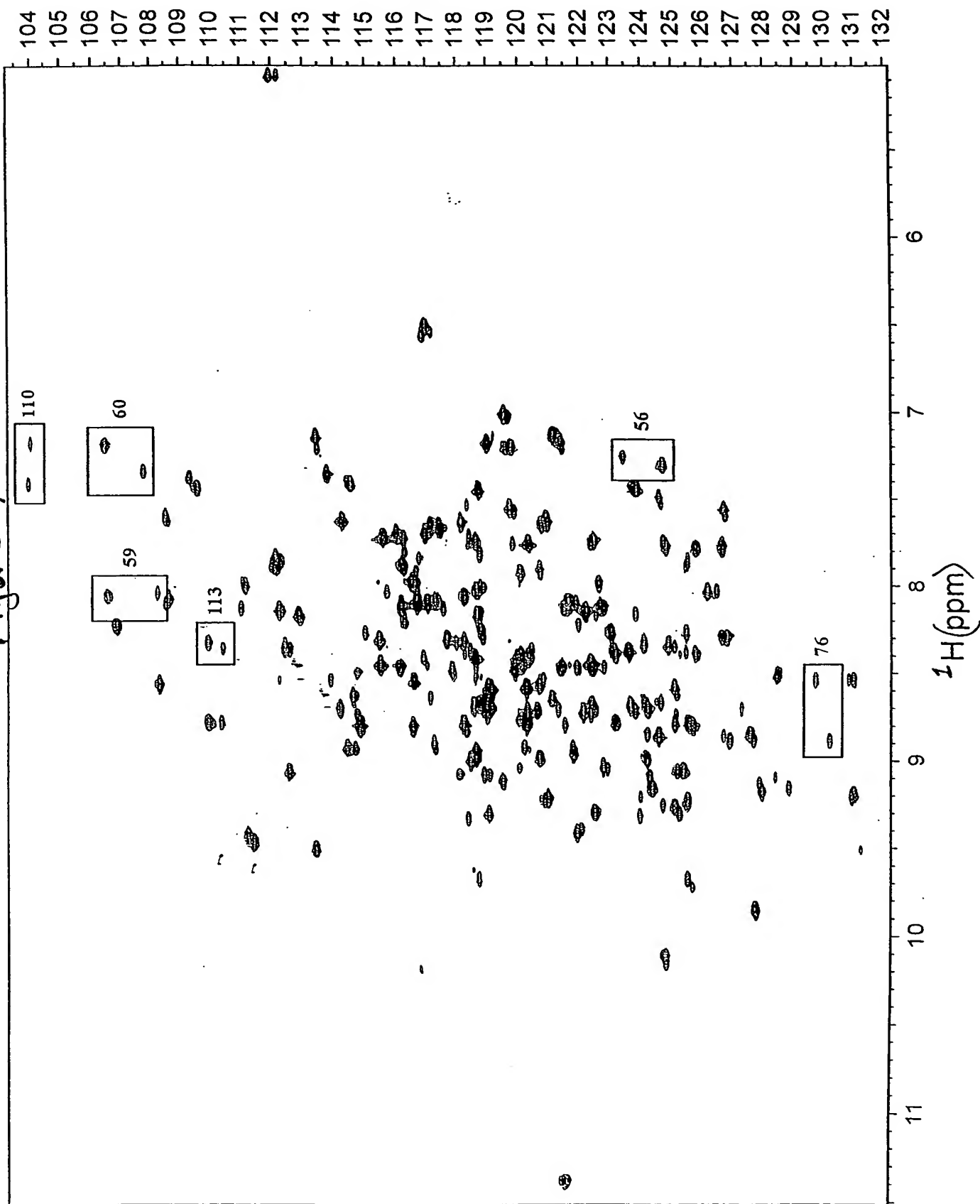
Ligand E  $IC_{50} = 3.2 \times 10^{-6} M$



Ligand A NMR  $K_d \sim 1.4 \times 10^{-4} M$

$^{15}\text{N}$   
(ppm)

TOGETHER  
Figure 7



TOBTT "6T2400T  
Figure 8

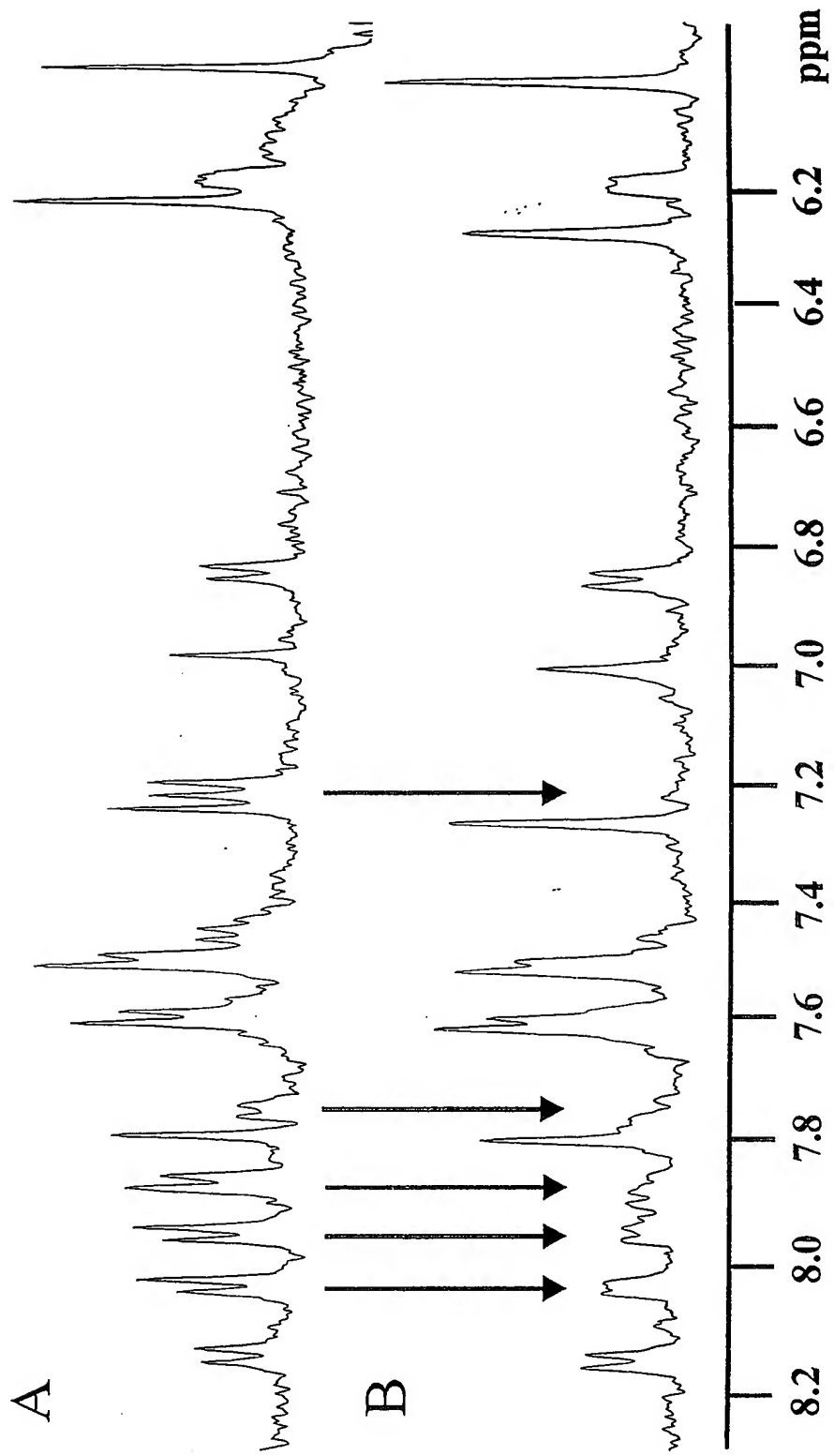




Figure 9

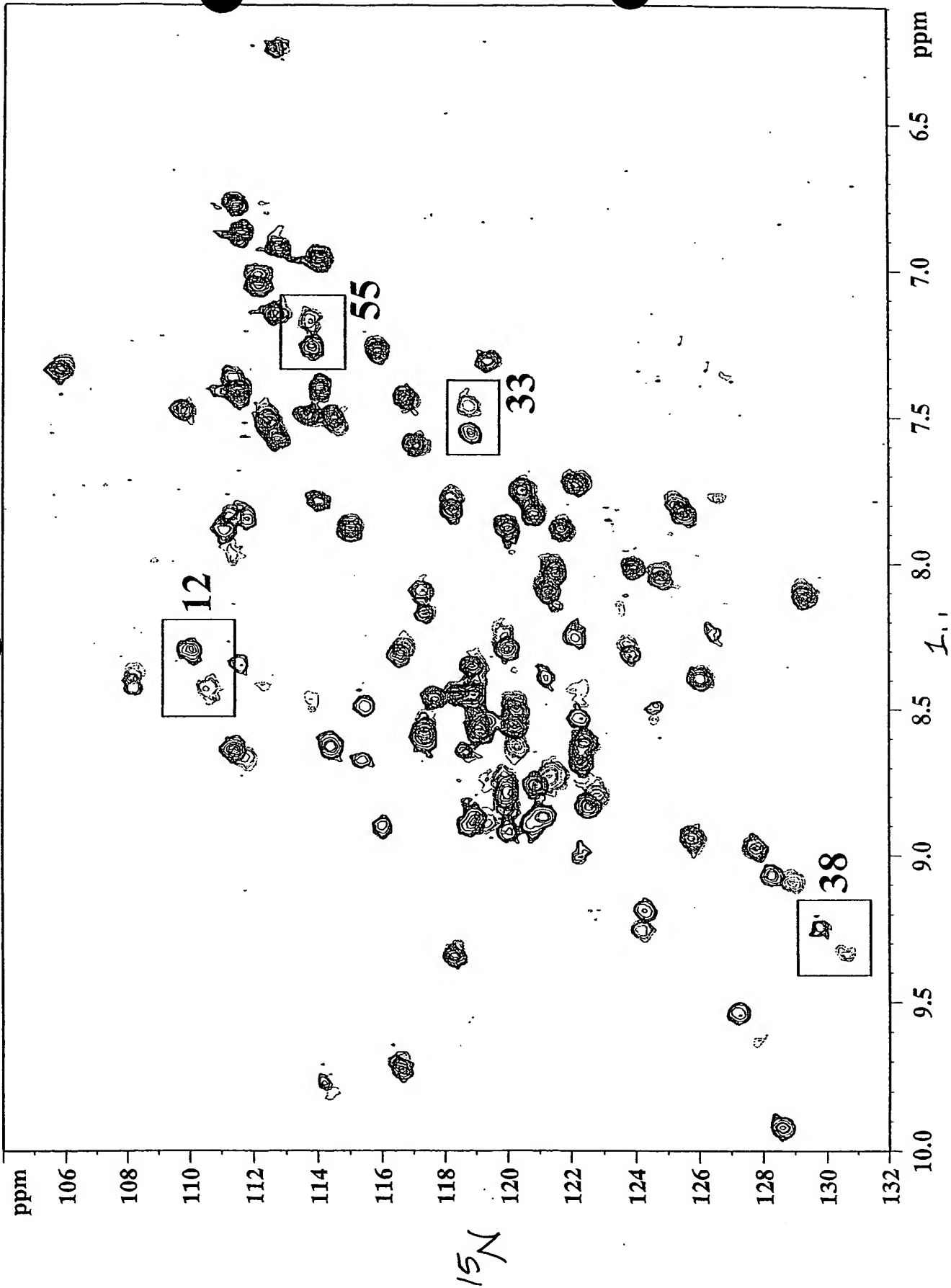


Figure 10.

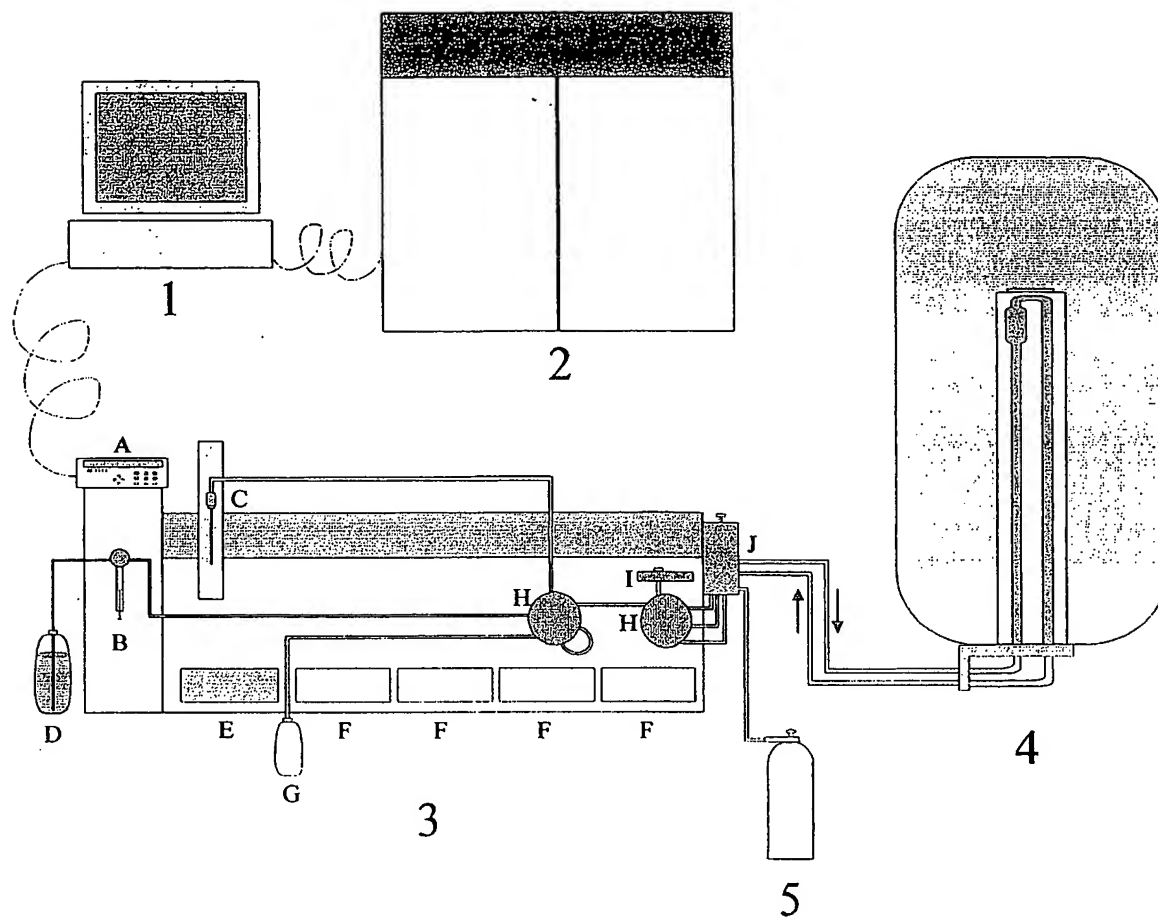


Figure 11.

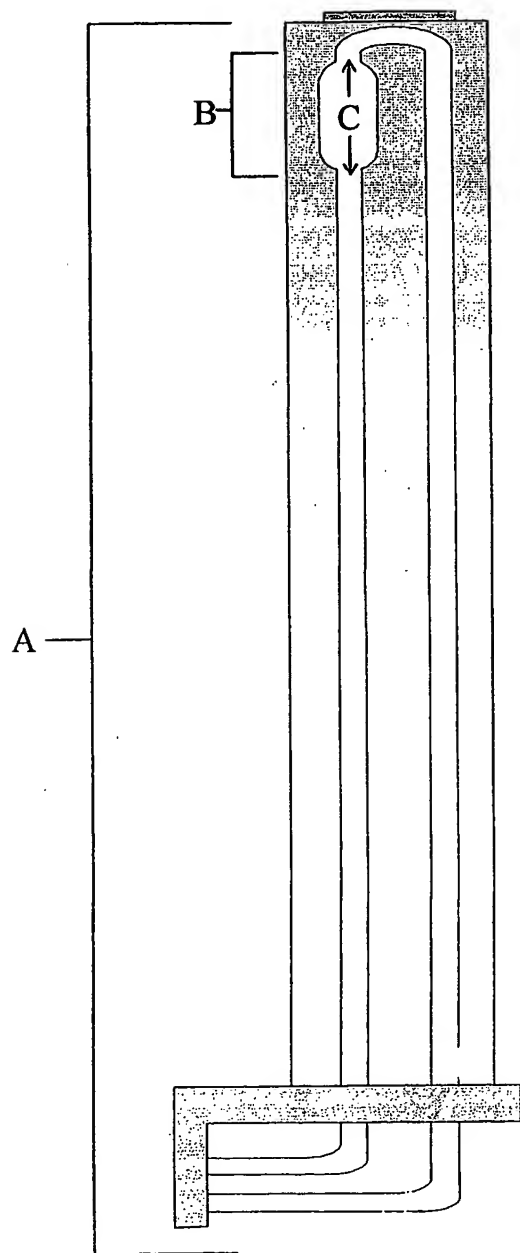


FIG. 11

Figure 12.

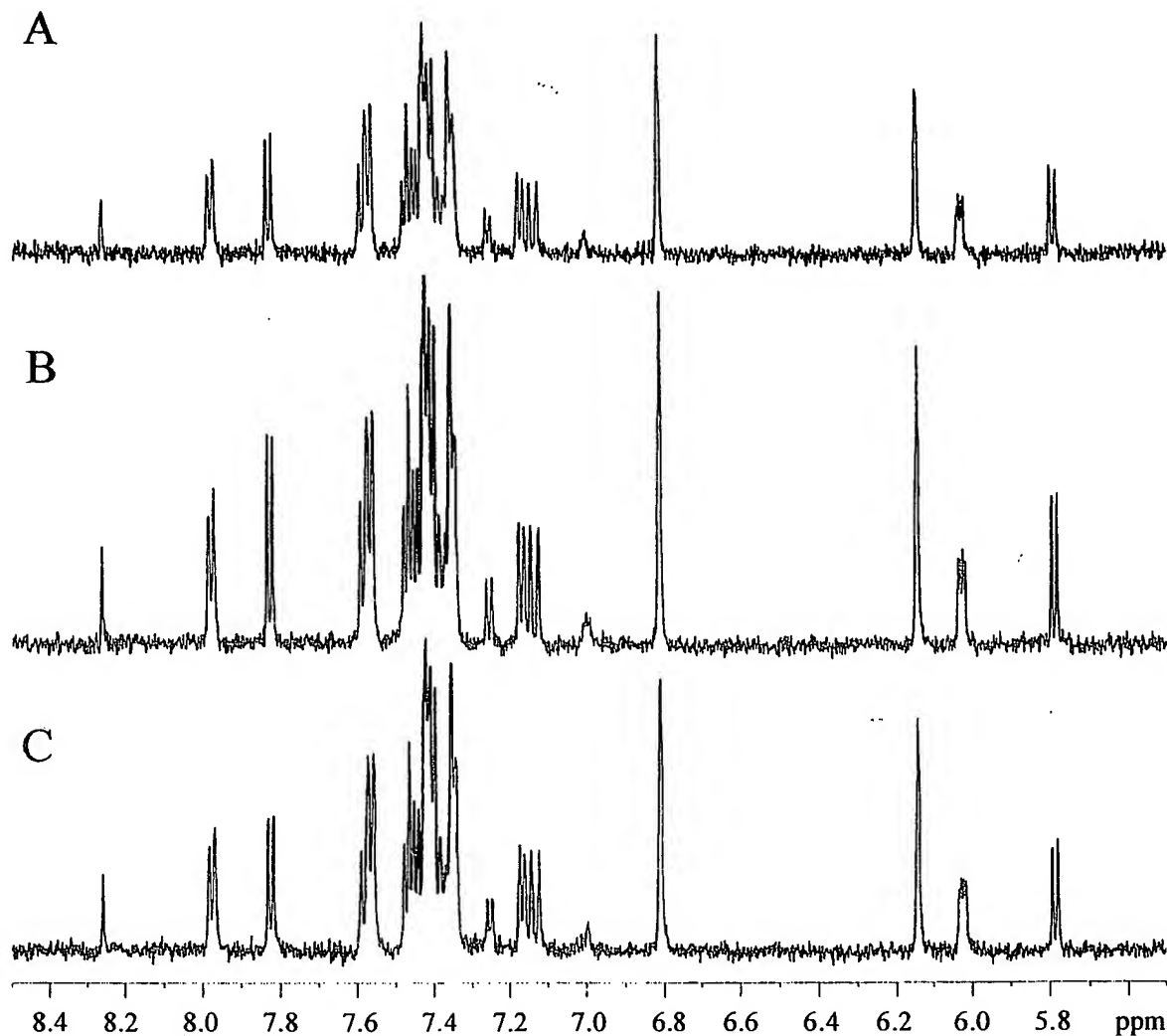


Figure 13.

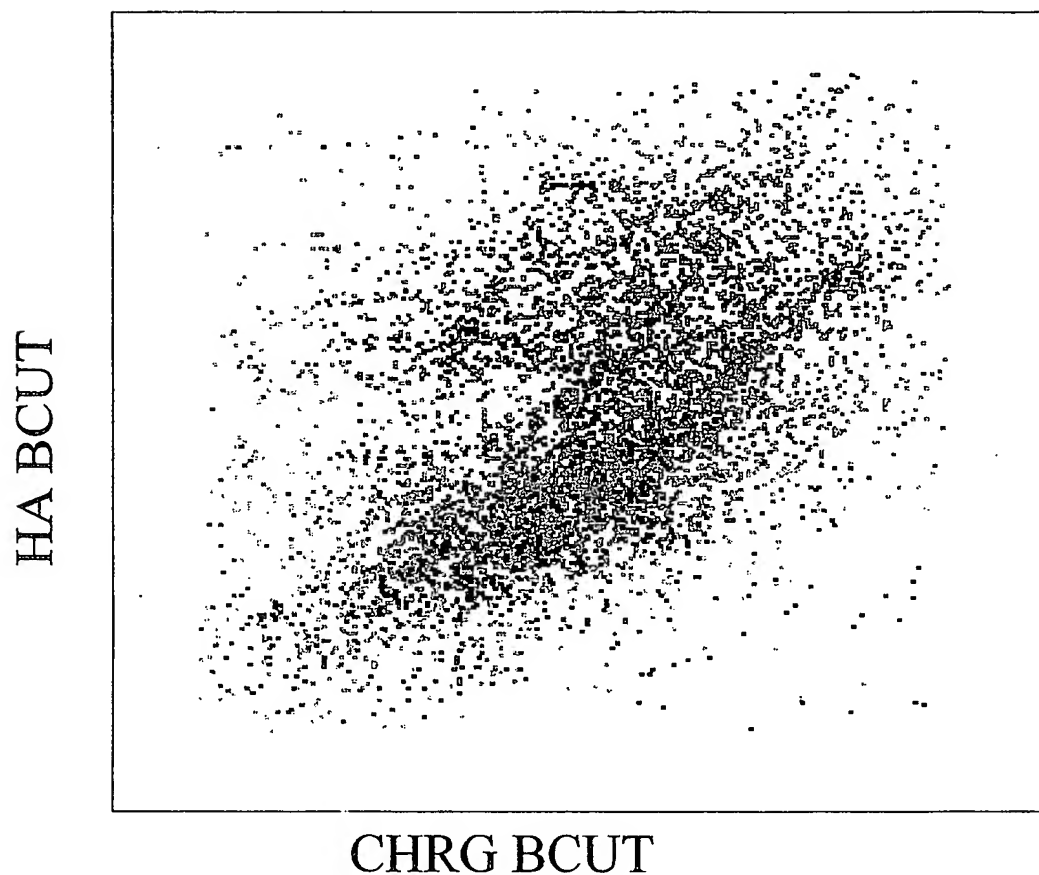


Figure 14.

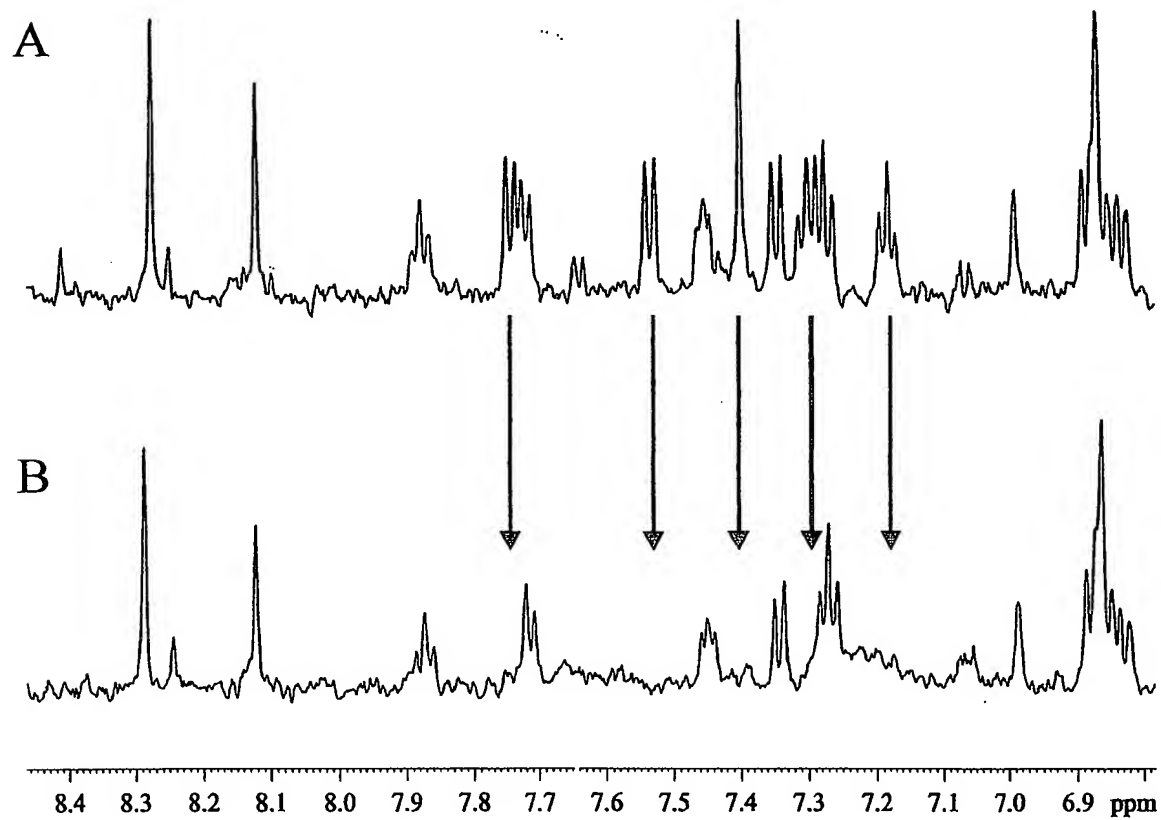


Figure 15

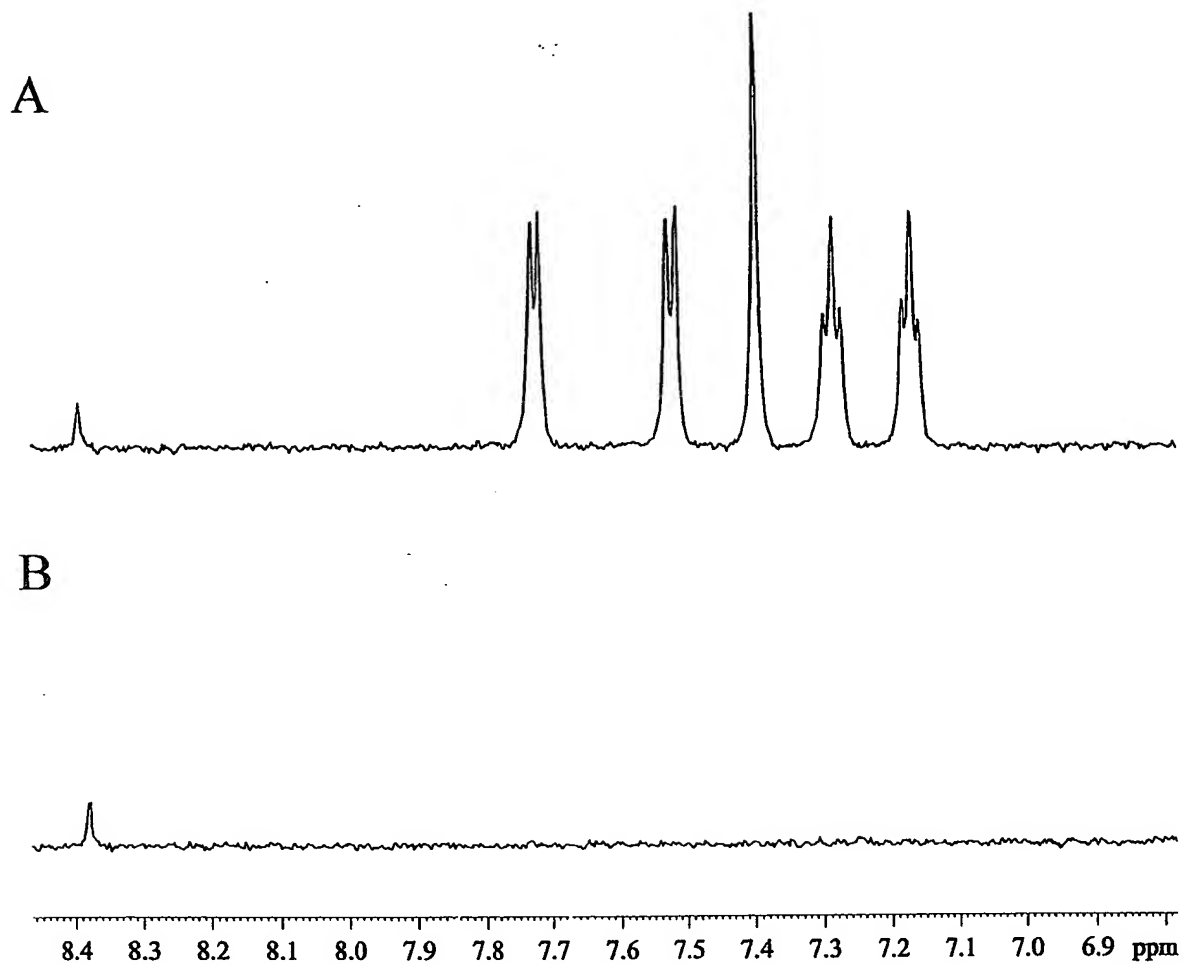
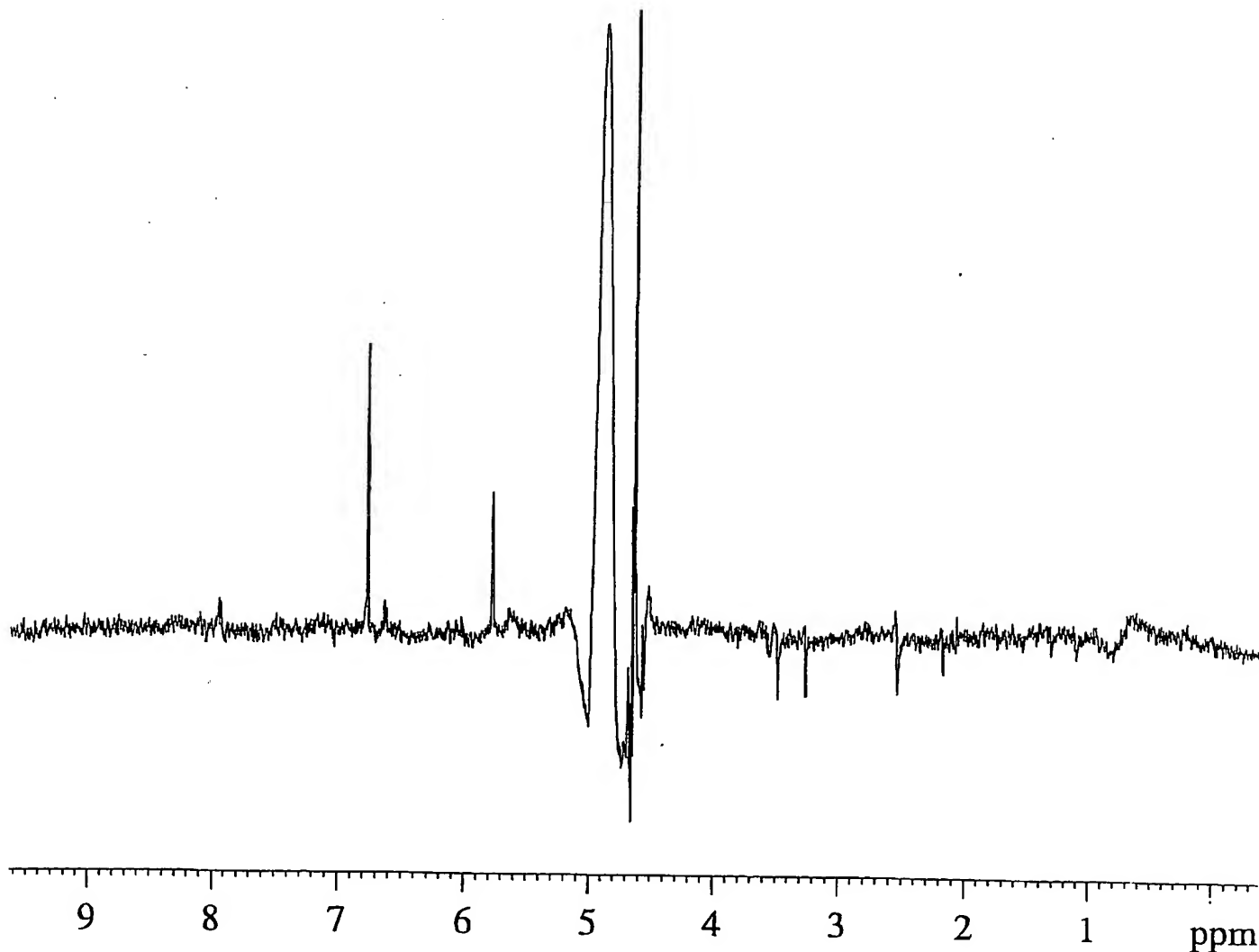


Figure 16

FOOT - 624400T





# **DPS binding to Thrombin**

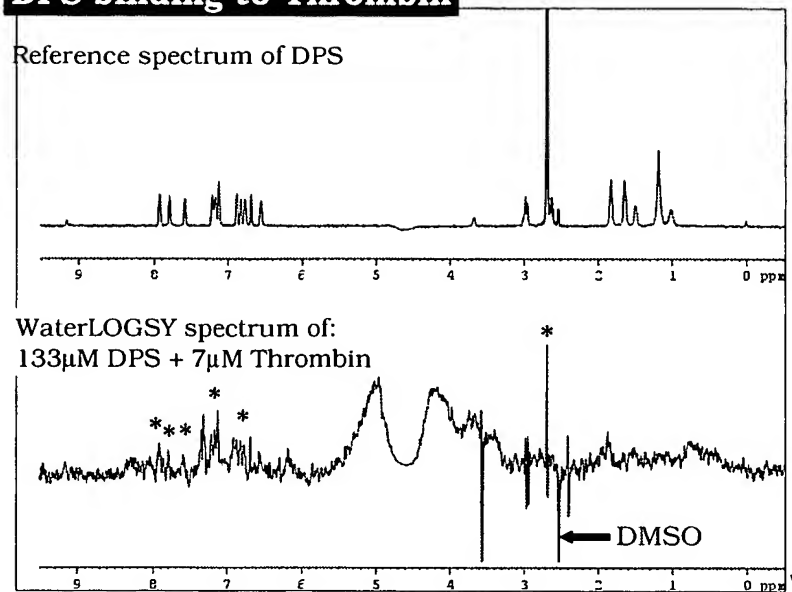


Figure 17

10044219-111901